# **Petroleum Marketing Annual 2000**

## August 2001

Energy Information Administration Office of Oil and Gas U.S. Department of Energy Washington, DC 20585

This report was prepared by the Energy Information Administration, the independent statistical and analytical agency within the U.S. Department of Energy. The information contained herein should be attributed to the Energy Information Administration and should not be construed as advocating or reflecting any policy of the Department of Energy or any other organization.

### **Preface**

The *Petroleum Marketing Annual* (PMA) provides information and statistical data on a variety of crude oils and refined petroleum products. The publication presents statistics on crude oil costs and refined petroleum products sales for use by industry, government, private sector analysts, educational institutions, and consumers. Data on crude oil include the domestic first purchase price, the f.o.b. and landed cost of imported crude oil, and the refiners' acquisition cost of crude oil. Refined petroleum product sales data include motor gasoline, distillates, residuals, aviation fuels, kerosene, and propane. The Petroleum Division, Office of Oil and Gas, Energy Information Administration ensures the accuracy, quality, and confidentiality of the published data in the *Petroleum Marketing Annual*.

For this publication, all estimates have been recalculated since their earlier publication in the *Petroleum Marketing Monthly* (PMM). These calculations made use of additional data anad corrections that were received after the PMM publication date.

#### Scope of Data

The data within the *Petroleum Marketing Annual* are compiled from six Energy Information Administration (EIA) survey forms. The crude oil statistics are calculated from data collected on the following three survey forms: Form EIA-182, "Domestic Crude Oil First Purchase Report"; Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report"; and Form EIA-14, "Refiners' Monthly Cost Report."

The statistics on petroleum product sales prices and volumes are derived from Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report" and Form EIA-782B, "Resellers'/Retailers' Monthly Petroleum Product Sales Report."

The data presented in Tables 48 to 50 are derived from aggregations of data from Form EIA-782C, "Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption."

#### **Sections**

Monthly statistics on purchases of crude oil and sales of petroleum products are presented in the *Petroleum Marketing Annual* in five sections:

- Summary Statistics
- Crude Oil Prices
- Prices of Petroleum Products
- Volumes of Petroleum Products
- Prime Supplier Sales Volumes of Petroleum Products for Local Consumption.

The publication highlights salient statistics for the United States in the Summary Statistics section. More detailed geographic coverage occurs in the other four sections. Geographic coverage for crude oil includes country of origin for foreign crude and Petroleum Administration for Defense (PAD) Districts and individual States for domestic crude oil. Geographic coverage of the petroleum products includes PAD Districts and individual States.

Detailed statistics for crude oil, including the price of imported crude oil by country of origin, by gravity, and by crude stream, can be found in the Crude Oil Prices section.

PAD District and/or State-level statistics for petroleum products are presented in the Prices, Volumes, and Prime Supplier Sales of Petroleum Products sections. All tables show 12 months of data for 2000.

#### Notes on the Tables

- For the crude oil statistics referencing Form EIA-182, United States includes the 50 States, the outer continental shelf, and the District of Columbia. For crude oil statistics referencing either Form EIA-14 or Form EIA-856, United States includes the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, and all American territories and possessions. For the petroleum products data, United States includes the 50 States and the District of Columbia.
- Values shown are final. Refer to the Explanatory Notes for a discussion of processing late submissions and resubmissions.
- Prices exclude taxes. Refer to the Explanatory Notes for a tax table on motor fuels.
- Some of the tables use State abbreviations. Refer to the Explanatory Notes for a table of U.S. Postal State abbreviations.

- Sales of leaded gasoline are a component of averages and totals prior to October 1993.
- References to "Refiners" include gas plant operators(see the Glossary for definition of "Gas Plant Operators"). All tables whose titles do not specifically reference "Refiners" contain data from all sellers. "All Sellers" includes refiners, gas plant operators, resellers, and retailers
- "Prime Supplier" refers to a firm that produces, imports, or transports any of the selected petroleum products across State boundaries and local marketing areas and sells the product to local distributors, local retailers, or end users.
- The category "Retail Outlet" refers to any company-operated outlet selling gasoline, on-highway low-sulfur diesel fuel, or propane for on-highway vehicle use (see Glossary).
- No. 2 distillate volumes and prices are classified in accordance with what the product was sold as, regardless of the actual specifications of that product (see definitions of No. 2 distillate in the Glossary).

# **Contents**

Highlights	i
Summary Statistics	1
Crude Oil Prices	39
Prices of Petroleum Products	55
Volumes of Petroleum Products	219
Prime Supplier Sales Volumes of Petroleum Products for Local Consumption	313
Explanatory Notes.	375
Product Guide	391
Glossary	393
Articles	399
Appendix	401

## **Tables**

### **Summary Statistics**

1.	Crude Oil Prices	2
2.	U.S. Refiner Prices of Petroleum Products to End Users	4
3.	U.S. Refiner Volumes of Petroleum Products to End Users	6
4.	U.S. Refiner Prices of Petroleum Products for Resale	8
5.	U.S. Refiner Volumes of Petroleum Products for Resale	10
6.	U.S. Refiner Motor Gasoline Prices by Grade and Sales Type	12
7.	U.S. Refiner Motor Gasoline Volumes by Grade and Sales Type	14
8.	U.S. Refiner Conventional Motor Gasoline Prices by Grade and Sales Type	16
9.	U.S. Refiner Conventional Motor Gasoline Volumes by Grade and Sales Type	18
10.	U.S. Refiner Oxygenated Motor Gasoline Prices by Grade and Sales Type	20
11.	U.S. Refiner Oxygenated Motor Gasoline Volumes by Grade and Sales Type	22
12.	U.S. Refiner Reformulated Motor Gasoline Prices by Grade and Sales Type	24
13.	U.S. Refiner Reformulated Motor Gasoline Volumes by Grade and Sales Type	26
14.	U.S. Propane (Consumer Grade) Prices by Sales Type	28
15.	U.S. No. 2 Distillate Prices by Sales Type	29
16.	U.S. No. 2 Diesel Fuel Prices by Sales Type	30
17.	U.S. No. 2 Diesel Fuel Prices by Sulfur Content and Sales Type	31
18.	Prices of No. 2 Distillate to Residences by PAD District and Selected States	32
19.	U.S. Refiner Residual Fuel Oil Prices.	36
20	U.S. Refiner Residual Fuel Oil Volumes	38

### **Crude Oil Prices**

21.	Domestic Crude Oil First Purchase Prices	41
22.	Domestic Crude Oil First Purchase Prices for Selected Crude Streams	44
23.	Domestic Crude Oil First Purchase Prices by API Gravity	45
24.	F.O.B. Costs of Imported Crude Oil by Selected Country	46
25.	Landed Costs of Imported Crude Oil by Selected Country	47
26.	F.O.B. Costs of Imported Crude Oil by API Gravity	48
27.	Landed Costs of Imported Crude Oil by API Gravity	49
28.	Percentages of Total Imported Crude Oil by API Gravity	50
29.	F.O.B. Costs of Imported Crude Oil for Selected Crude Streams	51
30.	Landed Costs of Imported Crude Oil for Selected Crude Streams	53
Price	es of Petroleum Products	
31.	Motor Gasoline Prices by Grade, Sales Type, PAD District, and State	56
32.	Conventional Motor Gasoline Prices by Grade, Sales Type, PAD District, and State	86
33.	Oxygenated Motor Gasoline Prices by Grade, Sales Type, and PAD District	116
34.	Reformulated Motor Gasoline Prices by Grade, Sales Type, PAD District, and Selected States	120
35.	Refiner Motor Gasoline Prices by Grade, Sales Type, PAD District, and State	134
36.	Refiner Prices of Aviation Fuels and Kerosene by PAD District and State	149
37.	Refiner Prices of Distillate Fuels by PAD District and State	164
38.	Propane (Consumer Grade) Prices by Sales Type and PAD District	179
39.	No. 2 Distillate Prices by Sales Type, PAD District, and Selected States	182
40.	No. 2 Diesel Fuel Prices by Sales Type, PAD District, and Selected States	191
41.	No. 2 Diesel Fuel Prices by Sulfur Content, Sales Type, and PAD District	200
42.	Residual Fuel Oil Prices by PAD District and State	203
Volu	imes of Petroleum Products	
43.	Refiner Motor Gasoline Volumes by Grade, Sales Type, PAD District, and State	220
44.	Refiner Motor Gasoline Volumes by Formulation, Sales Type, PAD District, and State	250
45.	Refiner Volumes of Aviation Fuels, Kerosene, No. 1 Distillate, and Propane by PAD District and State	280
46.	Refiner No. 2 Distillate, Diesel Fuel, and Fuel Oil Volumes by PAD District and State	295
47.	Refiner Residual Fuel Oil and No. 4 Fuel Volumes by PAD District	310

# **Prime Supplier Sales Volumes of Petroleum Products for Local Consumption**

48.	Prime Supplier Sales Volumes of Motor Gasoline by Grade, Formulation, PAD District, and State	314
49.	Prime Supplier Sales Volumes of Aviation Fuels, Propane, and Residual Fuel Oil by PAD District and State	344
50.	Prime Supplier Sales Volumes of Distillate Fuel Oils and Kerosene by PAD District and State	359
App	pendix	
A1. R	Refiner/Reseller Motor Gasoline Prices by Grade, PAD District, and State, 1984-Present	401
A2. R	Refiner/Reseller Prices of Aviation Fuels, Propane, and Kerosene, by PAD District, 1983-Present	421
A3. R	Refiner/Reseller Prices of Distillate and Residual Fuel Oils, by PAD District, 1983-Present	441
Figu	ires	
1.	Crude Oil Prices	3
2.	U.S. Refiner Retail Petroleum Product Prices.	5
3.	U.S. Refiner Retail Petroleum Product Volumes	7
4.	U.S. Refiner Wholesale Petroleum Product Prices.	9
5.	U.S. Refiner Wholesale Petroleum Product Volumes	11
6.	U.S. No. 2 Distillate Prices to Residences by PAD District	35
7.	U.S. Refiner Residual Fuel Oil Prices and Volumes	37